



**Federal Express Tracking#: 8019 6577 2833**

March 1, 2013

Office of Enforcement and Compliance Assurance  
Office of Federal Activities  
International Compliance Assurance Division (2254A)  
Environmental Protection Agency  
1200 Pennsylvania Ave., NW  
Washington, DC 20460

**Re: 2012 Annual Export Report  
Delaware City Refining Company  
EPA ID Number: DEN201000006**

Dear Administrator,

The Delaware City Refining Company LLC ("DCRC") is submitting this Annual Report for the 2012 calendar year for hazardous waste that was exported to a foreign country from our refinery located in Delaware City, DE. Please note that Omni Vision International, Inc. may have filed a similar report for the waste (Spent Hydrotreating Catalyst) identified in this report.

This report has been prepared in accordance with the requirements of 40 CFR 262.56.

**(a)(1) The EPA identification number, name, and mailing and site address of the exporter:**

EPA ID No. DEN201000006  
Delaware City Refining Company LLC  
4550 Wrangle Hill Road  
Delaware City, DE 19706

**(a)(2) The calendar year covered by the report:**

2012

received  
SDH 3/4/2013



**(a)(3) The name and site address of each consignee:**

Consignee #1 (Spent Hydrotreating Catalyst)

Young Sin Metal Working Company, LTD  
601 Yuha-RI, Jang Yu-MYUN  
Kimhae Korea 621-832  
Republic of Korea

Consignee #2 (Spent Hydrotreating Catalyst)

Young Sin Metal Working Company, LLC  
1206-11 Sing San-RI, Jinrang-EUP  
Kyungsan City  
Kyungsanbuk-Do, South Korea

Consignee #3 (Spent Hydrotreating Catalyst)

Union Corporation #548  
Okmyoung-Ri, Daesongmyon,  
Namqu, Pohang City  
Kyungsanbuk-Do, Korea

**(a)(4) By consignee, for each hazardous waste exported, a description of the hazardous waste, the EPA hazardous waste number (from 40 CFR part 261, subpart C or D), DOT hazard class, the name and US EPA ID number (where applicable) for each transporter used, the total amount of waste shipped and number of shipments pursuant to each notification:**

Consignee #1

Spent Hydrotreating Catalyst, K171, DOT Hazard Class 4.2

Transporter: Clean Venture, Inc. (EPA ID# NJ0000027193) 100.5935 Tons, 9 shipments  
Freehold Cartage, Inc. (EPA ID# NJD054126164) 24.035 Tons, 2 shipments

Consignee #2

Spent Hydrotreating Catalyst, K171, DOT Hazard Class 4.2

Transporter: Freehold Cartage, Inc. (EPA ID# NJD054126164) 57.9975 Tons, 4 shipments

Consignee #3

Spent Hydrotreating Catalyst, K171, DOT Hazard Class 4.2

Transporter: Freehold Cartage, Inc. (EPA ID# NJD054126164) 57.0565 Tons, 4 shipments



**(a)(5) Except for hazardous waste produced by exporters of greater than 100 kg but less than 1000 kg in a calendar month, unless provided pursuant to §262.41, in even numbered years:**

**(i) A description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated; and**

The goal of the DCRC is to continuously reduce hazardous waste generation through process improvement and recycling. The DCRC constantly evaluates and optimizes production processes to extend the catalyst life. The DCRC also actively seeks opportunities for viable alternatives. The DCRC's preference is reclamation or reuse of these spent hydrotreating catalysts (K171) as we resort to landfilling or incineration if recycling efforts are deemed infeasible. As a result the spent hydrotreating catalysts were reclaimed for base metals at Young Sin Metal Working Company and Union Corporation in Korea.

**(ii) A description of the changes in volume and toxicity of waste actually achieved during the year in comparison to previous years to the extent such information is available for years prior to 1984:**

The volumes of the spent catalysts are driven by economics, product demand and process efficiency. A year-to-year comparison is not indicative of the DCRC's waste reduction efforts. Through metal reclamation at Union Corporation, approximately 10% of the molybdenum contained in the spent hydrotreating catalysts was reclaimed in 2012.

**(a)(6) A certification signed by the primary exporter:**

The certification is included as Attachment A

Please contact me at (302) 834-6212 or [Michael.Hayes@pbfenergy.com](mailto:Michael.Hayes@pbfenergy.com) if you have any questions regarding this information.

Sincerely,  
Delaware City Refining Company, LLC

A handwritten signature in black ink that reads "Michael Hayes". The signature is fluid and cursive, with the first name and last name clearly distinguishable.

Michael Hayes  
Environmental Engineer

Attachment A



## **Attachment A**

### **Certification by Primary Exporter**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Herman Seedorf

**Herman Seedorf, Refinery Manager**

3/1/13

**Date**



cc: Department of Natural Resources and Environmental Control  
Solid and Hazardous Waste Management Branch  
89 Kings Highway  
Dover, Delaware 19901

00069

00100

**FedEx** Package  
Express *US Airbill*
FedEx  
Tracking  
Number

8019 6577 2833

## 1 From

Date

3/1/13

Sender's  
Name

Mike Hayes

Phone

302 834-6212

Company

DELAWARE CITY REFINING COMPANY

Address

4550 WRANOLE HILL RD

Dept./Floor/Suite/Room

City

DELAWARE CITY

State

DE

ZIP

19706

## 2 Your Internal Billing Reference

## 3 To

Recipient's  
Name

Environmental Protection Agency

Phone

Company

International Compliance Assurance (2254A)

Address

Office of Federal Activities

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

1300 Pennsylvania Ave, NW

Use this line for the HOLD location address or for continuation of your shipping address.

City

Washington

State

DC

ZIP

20460

HOLD Weekday  
FedEx location address  
REQUIRED. NOT available for  
FedEx First Overnight.HOLD Saturday  
FedEx location address  
REQUIRED. Available ONLY for  
FedEx Priority Overnight and  
FedEx 2Day to select locations.

0101398499



8019 6577 2833

SPH1

Form  
ID No.

0215

Recipient's Copy

## 4 Express Package Service

\* To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs.

For packages over 150 lbs., use the  
FedEx Express Freight US Airbill.

## Next Business Day

☐

FedEx First Overnight

Earliest next business morning delivery to select  
locations. Friday shipments will be delivered on  
Monday unless SATURDAY Delivery is selected.☐

FedEx Priority Overnight

Next business morning. \* Friday shipments will be  
delivered on Monday unless SATURDAY Delivery  
is selected.☒

FedEx Standard Overnight

Next business afternoon. \*  
Saturday Delivery NOT available.

## 2 or 3 Business Days

☐

FedEx 2Day A.M.

Second business morning. \*  
Saturday Delivery NOT available.☐

FedEx 2Day

Second business afternoon. \* Thursday shipments  
will be delivered on Monday unless SATURDAY  
Delivery is selected.☐

FedEx Express Saver

Third business day. \*  
Saturday Delivery NOT available.

## 5 Packaging

\* Declared value limit \$500.

☒

FedEx Envelope\*

☐

FedEx Pak\*

☐FedEx  
Box☐FedEx  
Tube☐

Other

## 6 Special Handling and Delivery Signature Options

☐

SATURDAY Delivery

NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐

No Signature Required

Package may be left without  
obtaining a signature for delivery.☐

Direct Signature

Someone at recipient's address  
may sign for delivery. Fee applies.☐

Indirect Signature

If no one is available at recipient's  
address, someone at a neighboring  
address may sign for delivery. For  
residential deliveries only. Fee applies.

## Does this shipment contain dangerous goods?

☒

No

☐

Yes

As per attached  
Shipper's Declaration.☐

Yes

Shipper's Declaration  
not required.☐

Dry Ice

Dry Ice, 5, UN 1845

☐

Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging  
or placed in a FedEx Express Drop Box.

## 7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

☒

Sender

Acct. No. in Section  
I will be billed.☐

Recipient

☐

Third Party

☐

Credit Card

☐

Cash/Check

Total Packages

Total Weight

Credit Card Auth.

\* Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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